Atari Age







IT REGINS WITH

The force of gravity pulls you toward unparaileled danger as you fiv into Gravitar action Your little space ship must conquer planet after planet - knocking out every missile-firing enemy bunker and hovering gently over fuel depots to beam up new energy supplies and

Gravitar presents new thrills at every turn. This hostile universe includes four separate galaxies. each with three unique solar systems. Each new solar system presents you with three or four planets to conquer, plus a Killer Sun to threaten your survival, and an Allen Reactor Rase which may lead you to higher scores - or instant doom! The variety seems endiess - each planet you encounter throughout the game offers different, tantalizing challenge.

There are five difficulty levels to choose from. ranging from the six-ship championship level to a hundred-ship practice level which lets you sharpen your abilities. Success demands razorsharp steering, pinpoint firing accuracy, and nerves of steel. It is a fitting test of the skills required to claim the title of Liltimate Video Master.







GRAVITAR INCHE COMP CER CLUB MEMBER PRICE

\$31.95

it will be at least six months



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Which of these three classic Atari games would you like to add to your collection?

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comes home in this challenging a tation—a must for every

cartridge collection

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Vol. 2 No. 3 September/October 1983

FOITOR Steve Morgenstern DESIGN DIRECTOR Al Conner CLUB MANAGER Jules Yingling Lee E. Miller

Captains - only the best gameplayers enjoyed it, and he challenging to the general public

> Fve sonlen to plenty of horshot Atan gameplayers who think they've conquered it all. They've gotten so good at Asteroids that they've stopped

playing the game for points and play "Chicken" instead, racing sideways across the screen at too speed, dodging the asterovis as they go. They brag about how many times they've turned over Pac-Man, and the hours thre/ve spent on a single game of Defender. Well, hotshots, allow me to introduce you to Gravitar.

To put it simply. Gravitar is the most challenging skill and action game I have ever seen on a home game system. There are five skill levels available, so everyone in the family can take a crack at it. But championship Gravitar gameplay requires very precise handling, absolute concentration, and pinpoint aim. I can't promise that the game won't frustrate some of you, but

was concerned about releasing a game this "If you're looking for good gamentainers. The

got them," I told Joel, and with the cooperation of a lot of talented people at Atari, we can now offer Gravitar to Club Members alone The idea for the Video Masters Competition

was a direct result of Gravitar as well. We have a game here which will really out our members' skills to the test -- why not make a contest out of it? The more we talked, the more excited we became. And when we discovered some more super game challenges in Atari's programming labs, aist waiting for the night audience, the competition grew into a threepart Championship.









Available October for Alan 2600 — AN ATARI CLUB EXCLUSIVE avel from the planet surface - run out of ites.

Gravitar is an outer space journey like nothingyou've ever expenenced before. Your space-

ship cruses into a hostile solar system, thrushing to exade the pull of the Killer Sun's powerful gravitational force and reach one of the planets

There are three or four different planets in each solar system, plus, an Aken Reactor Base may be stronger on one side of the planes than

The planets are armed with missile-finning

Before leaving, though, you must perform a delicate docking operation to pick up additional

or out of fuel, and the game ends.
There are four separate galaxies to conquer in Gravitat, each with three increasingly of Soult solar Systems. The first galaxy has roomal gravity—the second has reverse gravity, repel ungyou from the planets' surface. The third galaxy returns to normal gravity, but the landgravity— quite a chahenging studtion, to say Gravitar is not a game for everyone, even

with a choice of five distoutly levels. If you are still struggling through the teddy bear levels of your Azan game cartridges, you won't get very far with Gravitar, However, if you're the type of player who is looking for a real chair spice or baryer number into bring fith a real char-tence of your fancy flying and fast-thing abulines, this is the game you'll be playing for a long time.



Available October for Atari 2600

As a video veteran, you've done battle with your share of misule-dropping enemies from the store you've faced fearsome fees covering at afety in many a treatherous according But have you ever done as of that as one time? That's the best you face when you tackle Moon Patrol, nome version of Williams Electronics

month de across the surface of the moon in Your jainty lungs plopy. Creters appear on the our painty fung adopy. Crates appear on the wrater, which you jump over with a fick of your loybook pushing the fire button sends missignature and the state of your world that Move Buggy smultaneously You'll need that

byo-way prepayer — there are obstacles on

in with missies from above Asan Moon Patrol possis three different courses, one- and two-player versions, and all the UPOs and obtaides of the arcade original The catchy Moon Patrol theme song is here too, and we have yet to meet amone who walks away from the game without humming that tune. And home players have one edge over arcade fans—you can choose from three Buggy speeds, letting you tailor the game to your playing aluthors

SwordQuest



Available October for Arari 2600

As we told you last rouge, an Asan Club member from Microgen now owns a solid gold, jeweled nationwide competition with specializing piece each level, and a first prize, a Swend of Lifemate EarthNorld Cartridge, entered the contest, and won. Now the used carmidge in the SwordCure. senes is correct — Water World. The price his time is a funtation golden stown, studded with diamonos, rubies, sapphires, green tournalines.

\$25,000 Will this be your chance to win? SwordQuest WaterWorld is an adventure SwordCluest WaterNorid is an adventure game with cluss in two places — numerical clues build in the game Cartridge lead to word clues SEE MORE NEW ATARS \$200 CANTRIDGES IN \$200 FLASH, FAGE 34

in the full-color DC, comic book packing with e security: To solve the mostery, players must first explore to some anemystery, payers into the ear-the seven rooms of Water World. Scattered

throughout these rooms are 15 magical objects which are migred to each other and to the seven and action sequences pitting you against use floes

This is a tricky, absorberg game, filled with magic and mystical englishings, educin as to dispersion to will take time and clever reasoning to win, but it's wintake unite and cover reasoning to word Que

Merworld county your crowning achievent

Kids' Cartridge Report

Atari Sesamo treet Libra













Available September for Atari 2600

The people at Children's Computer of very special videonames for children 3-7 colorful on-screen format.

tions, but a read-aloud story, activity pages

Cookie Monster Munch Evenymen's favorite blue friend is in hot

Cookie Monster Munch boasts 10 game mally gets good, there's an invisible maze Siner

Alpha Ream with Ernie

Preschoolers practice letter recognition



Available October for Atari 2600

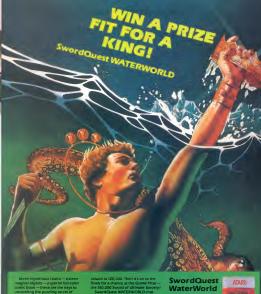
Remember the magical Sorcerer's Appren-Fantasia? Mickey Mouse is the overeager Great idea - except Mickey has no idea how to stop his creation. When he tries hacking the broom to bits with an axe, every solinter turns

into a new water-toting broom. They're creat-In Fantasia, the Sorcerer himself rescues existing new Sorgerer's Apprentice video There are two major playfields in the game Above ground is a beautiful mountain scene with meteors streaking across the sky and stars

While all of this action is going on above ground, the underground Cavern playfield is fill ing up with water. When it's completely

water out of the underground chamber falling faster, more brooms soringing to life, the

Sonic level, a challenge for even expert lovstickers. Sorcerer's Apprentice is a wonderful cartoon videogame treat for the whole family



gameplayer, the solution will bring satisfaction — he or she will win a spec around every corner, where sharks and octop! stand between you and the clues you need to solve a perplexing puzzle —and claim a truly regal prize!

Item Code C86 CLUB MEMBER PRICE

\$31.95



For complete SwordQuest rules, write to Atari Customer Service, 1312 Crossman Avenue, Sunnyvale, CA 94086.



ATARI FOUNDER SIGNS HOME VIDEO GAME AGREEMENT

AGREEMANT

Even years ago, a young graduate computer engineer named Notan Bushnel combined his knowledge of microprocessing with a personant for having fun. The

result was Pong, the 'word's hist popular video computer gaine, and a new company caled Auta.

Buthreal left Atam in 1926, having sold the company two years earlier to Wenner.

Buthreal left Atam in 1926, having sold the company two years earlier to Wenner.

Buthreal left Atam in 1926, having sold the company two years earlier to the left of the left o

Sente coin video games
Air Bushnell commented. "Thi looking forward to working again with Azari The
combined strengths of our companies offer tremendous opportunities for both of

US.

ATARI REORGANIZES, GREETS NEW CEO



In the face of an increasingly competitive videopame morket, Atam has ballon aggressive steps to maintain at leadership progressive steps to maintain at leadership progressive steps to maintain the progressive steps to th

departed for Consumer Electronics Leiden general and compared with the compared and general and compared with the compared allowing more efficient efforts in product other charge with holidal price significent to Alan gaine faint is the consolidadate. Alan gaine faint is the consolidadate of Alan gaine faint is the consolidasite of the consolidation of the consolidation of the wides. Increased and compared more a ringle registrational and Alan house both production of the consolidation of the Morgan. 41, who fail been languaged. On Sprander 6, Alan selectioned alm Morgan 1, who is not been languaged and Morgan tool one interviewer. This looking flowned to working with the planymous being the abouting the controlled the consolidation of the controlled the consolidation of the controlled the con-trolled the con-trolled the con-trolled the con-trolled the con-trolled the con-trolled the controlled the controlled the controlled the controlled the controlled the con-trolled the controlled the con-trolled the c

SWORDQUEST FIREWORLD FINALISTS CHOSEN

Fifty talented videogame adventuries will be flown to Atan headquarters in November, 1983, to compete for the gold, jewel-incrusted childle which is first prize in the SwordQuest FireWord competition. The winner of this round then moves on to the

Ine winner or ons round then moves on to tr finals, where he or she will compete with the winners of the other three **SwordQuest** contest rounds for the grand prize—a dazzing golden sword valued at \$50,000. A total of 73 contestants submitted valued.

A total of 73 contestants submitted valid entires with the five-word answer to the FireWorld puzzle. They were then narrowed down to 50 finalists through a statement.

completion essay be-breaker. Setfluf players could uncover ten numer cal clues hadden in the **FireWorld** cartnage. Only five of these lead to valid word clues in the DC comic book which comes with the cartnage, though The

ward cluss in the DC comic book which comes with the Cartridge, though The secret to identifying the correct cluss is contained in the poem on page 2 of the comic book. The phrase "ladd to seven" is perited in larger type. This is the determining factor

printed in larger type. This is the determining factor—
—the digits in the valid numerical clues must add up to seven. These numbers indicate the pages in the comic book where the word clues will be found. With this knowledge the five-word answer emerges.—LEADS TO CHALICE POWER ABOLINDS.



HERO PROGRAMMER NABS
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HIT-AND-RUN SUSPECT

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Police say that without Daves about the control takes, and the control would have control takes, and the control takes and the contr

MARIO BROS.

Look closely at the game screens shown at night. This is your first peek at MarIo Bross. by Ninerdo, the home adaptation of the coin wideo game just released to the acrades. And unless we've totally lost our powers of predictions, you're genig to be spending a lot of time looking at those screens in action in coming months—MarIo Bross. looksike. a super hit for both Atail 2000 and





Mario Bros. may set a new record for speedy adaptation from arcade to home screen — the coin-op game appeared only this summer, and the Atari version is due in time for Children.

Chlorina: both gas back Monic de daming corpenter who bre game brings back Monic de daming corpenter who so valantify rescued Pauler in Dankey Keng, Marios Solo elle à not a factor in this game, treough Nowir he has working with his bother Lugs. The two of them battle strange absorber of creatures on a streen with four levels of flexible floors. At the top of the screen are two papes, and cut of those pipes come the pessy critter— Shellcrepers flurties! Sidesteppes (crabs), Fighterflies flittles, and Salotes for men).

Each enemy has its own districtive pattern of movement, and requires a different tactic to eliminate it. The basic move is the same, though—Mano or Luigi must jump up and nit the floor underneath the creature. Biopping a Shelreeper this way immediately light to ever on its back. Then you climb up to the same level as the stunned turtle and kirk linton the water below before it can un instell over Other creatures call for different variations on the bopand-lock routine. Our favorite is the sidestepper—the first time you bop it makes it mad. It gets a furnus look on its crabby little face and speeds up tremendously. Only the second pop from below will turn it over and make it vulnerable.

Martio Bros. has a lot going for it. While It can be played by one player, the two-player option is a special treat. This is one of those rare games where both players can be on sortern at the same time, working together to defeat the entered or thying to knock off your brother at the same time. There is plently of variety in the gamptaghy, from the player of the player of the player of the player stepper global and useful "Four" button. All of the play reproduced in the Atan 2600 and 5200 home versions. And the animation achieved by Asian programmers in And the animation achieved by Asian programmers in And the animation achieved by Asian programmers in the player of the player of the player of the player that the player of the player of the player that the p

probably the finest ever available for both systems.

Look for more details and ordering information in the next issue of Atarl Age.

2600 KEYBOARD POSTPONED

The individual properties of the control of the control

THE CASEBOOK OF R. CADE CONTROL OF THE CONTROL OF T

ntroducing R. Cade, high school detective, and the baffling case of the Pac-Man Prize Scandal, Can you figure out how he solved it?

She wasn't much to look at, but she knew how to make a drink. It felt right as soon as it het yeur tongue, siid down quck and easy, and left you wonting another one fast. No question about it. Tommy's mother makes a great glass of lemonade And I ought to know. I make it my busness to know all three is to know about the things lenjoy. Like lemonade: And izzeros. And most of all, video games.

My name's Cade. My parents named me Roger, but I dropped that monicker a long time ago. Now it's just Cade.—R. Cade. When people have certain kinds of troubles, they come to me for help. I have a reputation as a problem solver. Use the journalism price scandal over at More Science. High. Of course, they dignit know they had a problem, until I.

showed up.
I got on the case that afternoon at Tommy's house. We were knocking back pitchers of his mother's lemonade, playing Ms. Pac-Man and shooting the

"So what's new over at the gazette?" I asked. Tommy was editor of the high school paper. You've seen that kind of rag before—J.V. Football Team Wins Again, Drams Club Stages My Fair Lady. Debate Sooety Visits Washington I came to Tommy for the dirt behind the head-

in the east something you might be interested in Cade "Tompy was half a second away from guiging abonusbenana — abig 5000 point baby —when he put downing joyands and looked me in the eye. I knew this was something big "Totu know that journalism scholarship prize the school's running. Best essay, 5 grand in scholarships, winner gets printed in the school paper?"

I nodded Of course I knew about c—I kept warting to hear that my piece on chameleors had copped the big bucks. I had a feeling it would be a long wait. "I'm on the judging committee, me

and some faculty members and a character from the PTA. We've got it narrowed down to two essays. Betty Jo Baloski wrote this piece about adopting homeless pets. Pretty gnm, but that girl knows you know what I mean."

I knew what he meant

Then there's henry Cadwallador'. My eyebrous stori up half a foot, I'd had more than my share of run-ins with mis Cadwallador character 'bu look up "sleasy" in the dictionary, you find Henry Cadwallador's putture I lewis the graywho caught. Caddy collecting pennes for UNICEF on I shallowers and pocketing the proceeds. The assistant principal had fusible if U.B. but Caddy shrew who tapped mind about that little caper, and the street I factor whe forew.

"Sceme Cadwillader went on a trip to California with in Samily, While he was out there, he passed through Sunnyvale —you know, where Atari Hangs its shingle. I don't know how he did it, but, caddy got an intensety with the guy who programmed Pac-Man, and he wrote it up as his essy for the contest. He could take all the marbles.

"So what's the problem?" I asked "Cmon, Cade, we both know Cadwallader. He'd run for homecoming queen if there was money in it. And if there was a way to ngit, he'd win, too I just don't like n."

"Don't suppose you've tried checking out his story?" "I'ma newspaperman, Cade, I always check out mystories. This

is atough one, though
His family did take a
trip to the Coast, I
know that much for
a fact. But he doesn't
give the programmer's name in the
story—says Atari
won't allow that information out, the

door And when I tried calling their people in coin-op, I hit a brick wall."
"Don't suppose you have a copy of Cad-

dy's masterpiece here?"
Tit might be over there in my bookbag,
Cade. But of course, I couldn't let you
see it —only the judges see the entries
until the winners' announced. Wouldn't
want to preak arm rules."

"Of course," I said, and watched Tommy pick up the half-full pitcher of lemonade "Looks like we could use a refill, wouldn't you say. Excuse me for a minute."

minute Rimmy disappeared up the stars igrabbed Cardy's essay out of the bookbag and started reading. Nothing out of the ordinary in the first few 'graphs couple of splt infinitives, a mispleced modifier, but nothing criminal. Then I latched onto this passage of purple

I asked Mr. X how his fellow programmers felt about the tremendous success he had had with Pac-Man. "That's a terrific question. I'm really

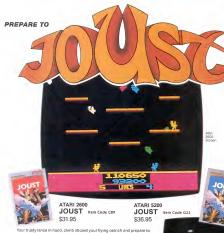
"That's a terrific quiston. In meally enjoying this firewise Wesh I guess there was a little jedousy among some was a little jedousy among some the quarter was a little jedousy among once the quarter started rolling in bu know, when you design a new coin video game, you arrewer know how well the game will do! I mean, early game to brain new Sure we try actigate to brain new Sure we try actigate to brain new Sure well shall gave the start game to brain new Sure well shall gave the start game to brain new Sure well shall gave the start game to be sufficient to the machine reached the arcade and the responses started noting in, I had no reached to terrific observed in the created."

down hard on each step and unking the ice violently in the patcher to make sure I'd hear him. I stashed the papers back in his bookbag, and leaned back on the couch. I tried to look innocent, but the glare frommy smiling teeth was binding. "Tommy," I said, "I don't suppose.

you have Cadwallader's phone number handy I feel like talking to my old friend Henry". Issent three minutes flat on the phone

with Henry Cedwallader No yelling or screaming—we ljust talked about video games By the time I got off the phone. Iomny knew how I'd smilled out a rat, and Cadwallader had indicated his intention of pulling out of the competition the next day at school. He also indicated some douts about whether I would like to see the tipe old age of I? Dut I don't in a talk's word, talk to os servisely. It's all in a talk's word.

A week later the school paper hit the streets with a prize-winning sony about homeless pets. Way down in the Honorable Memon Rist was my name. To tell you the truth, I still think! I should have won. Chameleons are terrific animals, In fact, a chameleon helped me crack the Case of the Attract Mode Murders. But that's another story.



do battle with legions of evil Buzzard Riders. Push the "fire" button to flag your ostrich wings and stay aloft. Head straight at an enemy rider, but be sure that when you collide, your lance is higher than his - high lance survives the

Knock a rider off his ostrich and the bird drops an egg which is worth big bonus points - but it will hatch into an even more troublesome knight if you don't pounce on it in time.

JOUST is absolutely unique - the wing-flapping dive-bombing action is like no other arcade game ever. And now all the high-flying fun of coin video. JOUST has been captured for your Atari 2600 and 5200 game systems.

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WE WANT MORE MEMBERS!

The Atan Club is grown larger by the day, and we couldn't be happier about it. We mailed out more than a million copies of this magazing but there are still millions of Atan fans who haven't joined the Club, and we need your help to reach them.

THE BENEFITS KEEP GETTING BETTER

Atan Club apportunities and pri iniges that no one else has!

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Inside advance information in hew games and equipment tren months before the general tublic finds out.

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computer systems on a trainer

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Office Of

This issue we'll concentrate on some truly mind-honoling brainteasers, and a very exciting secret message pointed out by an eagle-eyed Club Member from Indiana. If you would like to contribute to your Club magazing. send your observations, artwork, jests and locular jottings to Atari Age, Your Turn Dept., 1700 Walnut Street, Philadelphia, PA 19103. As always, a free game cartridge ones to the contributor of each item we print. And we've added a new bonus to the pot - everyone mentioned in our "Special Thanks' section will receive five ARCs.



SPECIAL THANKS ...





VIDEO BRAINTEASERS WHO'S WHO IN THE GAME ROOM

One afternoon in a game room.

there were four people playing video games. They were Steve. games they were playing (not in order) were Pac-Man. Centineds. Galaxian, and Defender. Their

scores were 1087, 874001, 18701, and 29875. Who was playing what game, and what was each player's

ELLEN'S FAVORITE PUZZLE This is a word nuzzle. To figure it out, read very carefully and concentrate on what you're reading. I have a friend named Ellen Green who is very picky about

the Atari games she plays. Can you tell me why she likes certain games and not others? She likes Human Cannonball but doesn't like Circus Atari. She likes Video Pinbell but doesn't like Breakout. She likes Video Chess but doesn't like Video Checkers She likes Street Racer but doesn't like Stot Racers. She likes Baskethall but doesn't like Bowling

She likes Air-Sea Battle but doesn't like Combat She likes Basic Programming but doesn't like Brain Games

CLUES 1. Betty hated Defender.

person playing Defender.

The person playing Defender had the highest

 Jim had a score of 29875. 5. The person playing Pac-Man had received an extra man at 10,000 points.

6. Sherryl had the lowest score 7. Steve was playing Defender. 8. The person playing Centipede had 29875

> Gas, Still having trouble? Try these special clues! She doesn't like Asteroids. She loves Football but doesn't like Home Bun, Although

> Volleyball, she says she wi East Rockaway, I



PRESENTS ATARI LOVERS WILL LOVE

SUPER COMPUTER GIFT IDEAS ATARI CLUB'S GIFT TO YOU REBATE SAVINGS VALUED AT \$30

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Extra Life Secret

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YOU'LL DIG



One of the best-loved arcade hits of all time is home at last — DIG-DUGI

Plug in the cartridge, grab your joystick, and you become Dig-Dug, the dauntless miner who deftly battles strange foes beneath the earth's surface.

You create a complex maze of tunnels yourself using your trusty shovel, Settraps for your strange underground enemies, — Fygar, the fire-breathing dragon, and Pooka, the innocenti-looking round red creature who's deadly to the touch.

You're armed with a powerful pump — hit your enemes with the tube and you can pump them up till they opp. Or for even more points, tunnel under a boulder and send it crashing down on your pursuers. Watch out, though — Fygar and Pooka can turn ghostly at any moment, ignoring all tunnel walls and heading straight at you

DIG-DUG — the underground smash now available for the Atari 2600 and 5200 systems.



ATARI 2600 DIG DUG Item Code C87 Club Member Price \$31.95



ATARI 5200 DIG DUG Item Code G23 Club Member Price \$36.95

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THIS ISSUE: SHOULD THERE BE A HOME COMPUTER IN YOUR HOME?

This new regular feature of Astarl Age will help would-be computerist understand how home computers work and what they can do. Since many of you will be considering a home computer as a buyer's guide. In his issue, we'll help you decide whether a home computer is a worthwhile addition to your home at this time. Then next issue, we'll help you sift find the right machine for your next.

pany However, each manufacturer's computers are different, and any additional equipment or programs you buy must be designed to work with that system — they must be compatible, to use the word the industry uses. Be aware also that in most cases, even the different computers made by the same company will not be fully compatible.

Don't just buy the first computer to catch your yee with a snappy commercial or attractive packaging. Understand that the equipment and programs you use will have to be compabile with the computer system and model you own. The wrong choice now ould limit your choices in the future.

BUT DON'T WAIT FOREVER, EITHER

Having just advised caution, we have to address the "wait-and-see" attitude some potential computerists have taken. The logic goes something like this. "Look at what happened to calculators and video cassette. in the world of home computers. Manufacturers have learned to build computers more efficiently, the price of some components used in them has gone down, and they are selling enough of them to make a decent profit at a lower price per unit. Put it all together, and the price of a home computer

night now is extremely attractive What about warring till the new models come out with new features? Assuming once again that you are the "average" home computer user, the question can be turned around to read. "What more do you want?" The maint changes in home computers expected within the next year or so include larger memory canacities and slightly faster processing times using 16-bit microprocessors. Is that worth waiting for? Probably not for most of us. Current home computer models can handle all the functions most people will need or want, including home education, word processing, information storage and manipulation, computer-tocomputer communication over telephone lines, and some pretty spectacular gameplaying. Of course the technology will improve technology always improves. But unless buying a color television or stereo until the ultimate model is introduced, this is a logical time to buy a home computer — If you went

WHAT CAN IT DO FOR YOU? The simple fact is that everybody in the

owlated world does not need to own a home computer at this time. We may soon see the day when a computer is a necessity —when banking by home computer becomes common, or your morning paper is delivered wa printout instead of paperboy, or working attragements inking home computers with office computers become as computer has not become a basic home apolance.

However, for most of us, a computer opens up enormous possibilities in two major areas —practical applications and entertailmment. Here's a quick rundown of some home computer capabilities which are available indit now. Which ones would you use?

WORD PROCESSING

This gets top-of-the-elst status primarily because its being used right now to write this article. Wor'd processing lets you do everything a bypowriter does and much mose. When using your home computer a suppose on your telestoon screen as appeads on your telestoon screen as appeads on your telestoon screen as you type it. You can then read it over and make yor hanges quickly and easily before you print you the text on paper. Even after your print, you can go back, make turnier care, your changes, without having to manually include the processing the proc

The changes you make aren't limited to spelling changes, either You can change



If you are confused by the world of home computers, don't worny -- you're not alone in the pass few years, the technical bytes have succeeded in bringing the pince and size of computing equipment within reach of what is loosely called the "general public". Unfortunately, the folks in charge of explaining what the machines can do for you have not been quite as ingernous as the engineers. Whether you buy a computer at is departing.

Whether you buy a computer at a department store, a computer as peculity store, or by majl, it is important that you have some knowledge about computers before you start shopping Let's try setting some guidelines to help the "average" person make an intelligent decision about buying his or her first home computer.

DON'T JUST GRAB AND HOPE Buying a computer is different from buy-

Buying a computer is different from Duying most other electronic geer, such as televisions or stereos, in one important way once you start with one company's system, you are locked into that system This does not mean that you are limited to buying only computer products made by that comrecorders. When they first came out, they cost a fortune. Then the prices plummetted if I wait a little longer, computer prices will go down even further, and they'll be able to

do even more."

If this article appeared a year or two ago, that attitude would make sense for a lot of people. But today, the economic changes which drive the cost of new



the margins or the size of the printed page. With many printers, you can change type. With many printers, you can change type can delete or repeat whole blooks of text, or move sections around within the document. If you want to send the semi-eleter to send so change to provide all you have to do in change to proper to do in the company. You can ever she your work to all so that so the company to company the computer, and come back to at a storm start dark. And that observ its create the faur-face of the family features you can find, like many control of the company to the company to

murderer. Adventure games using all-text or text plus graphic images challenge your reasoning powers, and may go on for hours, or even weeks. The creativity-demonstrated by computer game programmers is astroning, and new concepts seem to appear every week.

EDUCATION

Educational programs for home use range from preschool lessons in the alphabet, reading, and math to foreign languages, musical compostion, speed reading, and typing. Two important computer characteristics make it a



For students or anyone who does a fair amount of winning, this home computer application is a tremendous time-saver. And the price of a computer system which can handle basic word processing, including a printer, has dropped below \$600 recently.

GAMEPLAYING

The quantity and venety of computer general available today a enormous This includes home versions of arcade skip games with basically graphics and conclient, come games than better versions of the type of games skip later versions of the type of games skip skip for the game of games with the game of games with the game of games games than better versions of the type of games kineady found on home game systems. Strategic games for home computers camput you in charge of amentine army, or make you and a detective gathering quies in gamussi of a detective gathering quies in gamussi of a detective gathering quies in gamussi of a



graphics make lessons more entertaining, and the patience of the computer makes it a very finendly teacher. Computers don't get mad when you make a mistake, they don't embaras you when they correct you, and they will wait patiently while you figure out the answer to a guestion.

PROGRAMMING

Books and magazines offer all the information you need to learn how to write your own computer programs. There is even the possibility that you could break into the glamorous and existing world of computer programming someday from humble beginrings in your biving room.

For most home computerists, though, programming is more than a practical tool —it is a source of tremendous enjoyment. Programming requirecliarming the nuts and boils of computer language, and then bring your own dismrible restativity to the process. The challenge of Tailsing "bia computer and making if do what you want it to do is perhaps the most enjoyable and satislying computer "game" you can play.

FILING AND RECORDIFERING

Whether you are a small businessman or just somebody with a lot of information to keep straight, a home computer can be inealizable in remembering and organizing information. Everything from names and adverses to receipts to budget states to details on the specimens in a coin collection can be stored using your computer, and pulled out when needed. The computer also lets you sort through the information you've stored, selecting just the people living in a particular state, for example, or only the reopes which use turkey as a main ingredient.



Liking a readily available device called a

modem, you can link your computer to another computer through your telephone ines. This lets you send electronic letters from computer to computer, or transmit reports to your office restartly. Tap into commercial data services, such as The Source and Compusiene, and a wide range of information at a tort fingertips, including news, financial reports, arrives schedules, research facilities, computer programming add, and many that the services are stored to the programming add, and many that the contraction of the contract

Another popular telecommunications application is communicating CB-radio-style from computer to computer Some computer users focus on particular fields of interest, from aviation to zoology. Others just get together to "chat."

MONEY MANAGEMENT

The home computerst can find "user frendy" program which make it easy to keep track of frome or business budges, to wanayae meestments, and file firmacolar information conveniently. Many inexpensive computers can now organize all the financial affairs of a small business, including ineventory, cash flow management, billing, and more, at a small faction of the cost of tradhomal "business" computers.

· LET THE BUYER BE AWARE

That's a fast glimpse at what a home computer can do for yout. Now, assuming you have set wered the question. "Do I won rore now?" with a rousing "jes." we move into a whole new set of questions about choosing the right one. "Let the buye beware," the saying goes. The answer is to be aware of the instand outs of home computer purchasing. We'll discuss the critical points to consider in the next issue of Aland Age.



NOW CLUB MEMBERS GET EVEN MORE FOR

ARC stands for Atan Redemption Certificate. You can use ARCs to save on selected Atan video game cartridges, and accessory items such as storage units and controllers. in coming months, more ARC benefits will be introduced, including the opportunity to preview new Atan games.

START COLLECTING THEM NOW

To get the ARC program rolling, we're going to give 5

ARCS another way The Club makes Atarl fun even more fun. assue of Atari Age. We've also added ARCs to the rewords for contributors to the "Your Turn" section, and the prize list for our regular Contest feature, in addition, you will get ARCs as a bonus when you renew your Club membership, and new members will get some ARCs as a "welcome" gift. More was to earn ARCs will be coming sour.

WHAT CAN I DO WITH ARCS?

Your first chance to sample the power of ARCs will be a special money-saving cartridge offer described in detail with the first ARC you receive. And you'll find new ARC offers in every upcoming issue of Atarl Age magazine.



Game=Grams

The good news is that Atari has two new games coming which offer the best possible kind of two-player action — both people playing simul-taneously, instead of taking turns the property of the property of the property of the order now for both 2000 and \$200 order now for both 2000 and \$200 systems. Just like the ancade version, Alan Joust for both systems offers a coperative play against flower and facility duzzard filders — or had the facility duzzard filders — or had the facility of the property of the the next two-play or order free the next two-play or order free the first two-play or order free 10 of this suse it is Meno Bro. Just arrived at the ancade and on the property of the property of the action of the property of pr

In Volume 1 Number 4 of Atari Age

In Voluma 1 Numbar 4 of Atari Age, there was a section in "Sneak Peaks" that said that a game was being made from a top-rated C&S television series with fancy high-spead car driving. Could you tell me what the

Actually, Erro, it's too late to tell. We happened back in November who our TV series game scoop — the game, which was going to be based on "The Dukes of Hazzard," was cancelled, Guess that's the pnce we pay for trying to left members in on hot news before anybody else.

Not just in Europe, Lee, but all over the world. At last count, folks are playing Atan video games in at least 50 countries worldwide. And in

KEEP THOSE CARDS AND LETTERS COMING! Send your questions and comments about Asin garnes to Editor, Atan Age, 1700 Water of Street, Philippins, PA 1903 If we president Street. Philosophia, M. 1903. It we pres your factor in the marketine, we'll send you the Atan game carriedge of your choice

SOLUTION SECTION

HARV'S DILEMMA CONTEST RESULTS

Thousands of you sent us the correct answer for the contest which appeared in our May/June 1983 issue The sign pieces came together to spell "BERZERK The Club Member whose correct entry was first out. of the barrel in our random drawing was Marcus Horton of Broken Arrow, OK He wins a big first prize - a 5200 system complete with Trak-Ball controller and 5 game cartridges. Second prize of 10 cartridges went to Arlene Pettersson of Reading, PA. The third and fourth prize winners will be notified by mail

YOUR TURN

Omar Flammia's Word Puzzle: Liliv Green only likes games with double letters in their names. The reason sine loves Football and Missile Command is because they both have two sets of

double letters Darin Robertson's Logic Puzzle. Steve played Defender, 874,001 points Jim played Centipede, 29,875 points Betty played Pac-Man, 18,701 points Sherryl played Galaxlan, 1,087 points

CASEBOOK OF R. CADE

This was a simple one for our crack detective. He knows perfectly well that Pac-Man was created in Japan by Namop Ltd. An Atari programmer adapted the game for home use, but nobody at Atan's coin video division could possibly claim that the game was created in Sunnyvale. Caught you, Cadwalladeri



Meeting The Future Now

by Lee E. Miller



he Atan Institute. Wasn't that the home base of Commander Champion and his At an Engre in the year 2005? Champyon and the Atari Force, as you may recall, were the heroes of Atarr's DC comic books. They traveled the universe, battimo evil and comuntion Curh artuents was are still years away After

all, it's only 1983. But the Atan Institute is already here. Now in its third year, the present Atan Institute - the Atan Institute for Educational Action Research -- donates computers, advice, and money to projects that use computers in education

Ted M. Kahn, Ph.D., who served until September 1983 as Executive Director of the Atan Institute, estimates that so far the Institute has awarded more than \$1 million worth of computers, software, and cash stipends to various popprofit organizations across the country. Beneficiaries include museums. medical centers. Incanes, public and private schools, colleges, rehabilitation centers, and other educational endeavors

Commender Champion would be proud The modern Atan Institute goes a long way toward proving there's more to Atari these days than just fun and games

CAPITAL CHILDREN'S MUSEUM How would you like to use an ancient Greek

method dating back to 300 A.D. to send messages with a torch? Perhaps using Afgcan tribal drums to do the job is more to your liking. And what if you'd rather experment with modern technology in the form of a sophisticated communications satellite?



Or maybe you just want to learn about

Wherever your preference, you'll find it as the Capital Chriden's Museum wilkship-ton, D.C., where all of these communication tools are part of a handson learning exhibit spornsored by the Asian Institute And its spornsored by the Asian Institute And its only the Sagning. The Communications Exhibits and Future Cerner (a classroom of the Capital Christien's Museum are but a few of the many diverse projects made possible by the Asian Institute.

SIMULATED SHUTTLE FLIGHTS

in Greenfeld, Massachusert, the Abr Industrial for the sending jump college style is not orbit via a laboratory project certified around a resilitie reproduction of a space should legist. Funded by the Atlan institute, the space shuttle flight. Funded by the Atlan institute, the space shuttle multiplication of prolamaning and a service of the sending should be apart of the school's fleque Table (Industrial paper of the school's fleque Table (Industrial etc. integrates the application of prayed and school's corners into a model, and found in the school fleque to the school

According to Dr. Kahn, such projects often have unexpected and far-reaching effects "The Pompidou Centre in Paris just opened a wonderful envision Called Through Time and Space," The explained, "The students at a wonderful envision Called Through Time and Space," The explained, "The students at Greenfield were asked by the Pompidou Center to bring their software over and have at included in the exhibit. We provided the travel grant and sent the students to France, where the quicktibit will be viewed by an estimated time million people."

EDUCATIONAL ALCHEMIST

projects sponsored by the Institute

Dr. Kahn describes himself as an "eclucational alchemist" interestal in the networking of people and ideas. Along with the Board of Advisors and Executive Committee, Dr. Kahn has been responsible for selecting the projects to be sponsored. Of the over 1,500 requests submitted in the last two years, more than 100 have become full-fledded more than 100 have become full-fledded.

Divensity is the name of the game. These projects include a night-shoot in Ios Angeles that's using an Atlan-dionated computer to add in teaching the art of animation. The institute has also given computer equipment to sen Cubertin Prison in an attempt to meet the educational needs of people in 'lock-up' conditions. The computers use interactive educational software to help immates learn skills like computer programmars.

ELECTRONIC PEN PALS

Elsewhere, the Institute has set up a telecommunications network of ten elementary schools. The Sister Schools, as they are called.





are scattered across the United States, but they are linked together by Atari 800 computers. The computers and necessary peripherals were donated by the Institute, which also pays for the long distance phone charges

Making electronic peri pals is one way students use the network. Students in lowa get firsthand accounts of life on the Pacific Coast from Californians, while their classmates get programming tips from students in Messachusetts.

Also popular are joint creative writing assignments. One class writes a chapter and sends it to the next school where a second chapter is added before the essay is sent on tolk third school for completion.

VIDEO GAMES AT HARVARD

Last summer, the Atar institute continued to funding a three-day conference at Harverd University on video games and their influence on education Sponsored by the Harvard University Graduate School of Education, the conference drew nearly 200 attendes including educations, psychologists, social scientists, medical specialists, and video game manufactural.

The participants discussed the current and prospective effects of video games on society.

TOP SECRET PROJECT

One of the Institute's newest projects involves the concept of multi-person video games played by people all over the country on a telephone network According to Dr. Kahn, this project is still

in the development stages, and for their reason, he's unable to reveal specific details at the present time. But he did say that while this project has alond or TOP SECRET bladed on it, the technology allowing video games to be played by people at long distances is coming about a lost sooner than anyone thought possible. The altready seen advertisements such

gesting that it's possible to attach (telephone) moderns to video game systems like the VCS unit," he explained "We're very interested in what video

games of the future will become, "he added.
"I'm especially intrigued by the idea of games
that evolve with you, that keep changing so
that you can continue playing them over
and over again? You would be able to stop
and start again at different points in time,
and the learning process would be continuous throughout your if e."

"Through our projects here," he added, "we are continually exploring ways to advance the state-of-the-art of educational technology and help people become lifelong learners."



Our selection for this issue is a definite must-have game for any cartridge collection after years in the arcades, and it's easy to understand why. Defender is the space warfare game. You fly your spaceable across a full multi-directional acrolling playlisid, zapping Landers who are enatching helpless Humanoids from the planet surface. Pods. Swarmers. Bombers, and Balters all oppose you, and the poor Humanoids you don't save join the enemy as deadly Mutants. You have missile firing power plus smarl bombs and hyperspace It sacres like an autici lot to cram into an Atari 2500 name cartridge, but Atari did it, and

DEFENDER

Defender and a special Club price to bein add this classic game to your collection.

Electronic Games Magazine

Keri Uston in "Guide to Buying and Beating the Home Video Games" "Overall, the Alari programmers did an excellent techni

game in a home cartridge | 1 prefer the home version TV Guide "This breakneck-paced war game, a classic

EXCITING and colorful areads the game offers good conindigeney of challenge, even and plenty of challenge.

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Contest

EDITOR HUNT

As mailbags full of your smiling faces came pouring into the Club offices in response to the "Send Us Your Face" contest, a question arose - "Now that you know what we look like what do you look like?" If sounded reasonable to us. so here's your answer -a photo of your own true editor

"But which one are you?". I hear you say. That, my friends, is the contest challenge for this month - find the editor. You have two clues: 1) The editor has genuine facial foliage, not some dimestore imitation. and 2) The glasses are real too - I couldn't tell Video Chass from Vanguard without them.



PRIZES

One FIRST PRIZE: An Atari 800XL Home Computer

Ten SECOND PRIZES: An Atari Remote Control Wireless

One Hundred THIRD PRIZES: Atan 2600 Jungle Hunt cartridges

Five Hundred FOURTH PRIZES: 5 Atari Club ARCe

HOW TO ENTER

Simply point or type your answer in the space provided on the official Atan Club EDITOR HUNT CONTEST, 1700 Webut

Send as many entries as you like, one coived by December 30, 1983

drawing from all correct entries. All prizes will be awarded. Only one prize ons permitted, nor are the onzes transferable. Texes on prizes are the sole responsibility of winners. Odds of winning depend on the number of entries

Contest open only to U.S. residents

affiliates. This Contest is subject to all

1984 issue of Atari Age



Atan comvideo game Crystal Castles.

levels of Crystal Castles if you're the



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This standy keycard controller was specially made for use with the Atan Sesame Street Library cartniges. The big buttons and brightly colored overlays. movement. Kild's Controller required to play Alpha Beam with Emile and Conicle Monster Munch KID'S CONTROLLER - Item Code A78 - Member Price: \$M.95

Item Code A79 Member Price: \$10.95

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KIDS STUFF

To celebrate the introduction of the first Atan game cartridges specifically designed with younger pileyers in mind, we're trying out a new feature. also designed for children This time, we have a sample of the kinds of activities included in the manuals packed with the new Atan Sesame Street Library carridden.

COWABUNGA, IT'S COOKIE MONSTER

Draw your favorite cookie in Cookie Monster's hand. Color the picture.





ATARI 5200 BASEBA



ATARI 5200 BASEBALL



VANGUARD

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We ill cove to jump, over these cratters, you see ... oh, oh, there's a double cratter ahead. Here we go....ool) What a

Let sicket that more now kin zurouth — oops interes another crater of hind it. Got to time this just right is made at But wars than bown — alems coming an excited congruing bombs as a Speed up a little. The indiversal limit is up. The Whole, another trater) Hoje but Moon Rug by Holds is gether. This is one heck of a top — and a heck of a port of land.

> AGE: 2600 MOON PATROLITED CODE: CPU 531/45 DON'T MISS THE ATARI CLUF BONUS CARTRIDGE OFFEI